



08-14-01

CPA/3672/1

PTO/SB/29 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**CONTINUED PROSECUTION APPLICATION (CPA)
REQUEST TRANSMITTAL**

Submit an original, and a duplicate for fee processing.

(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

CHECK BOX, if applicable:

☐ DUPLICATE

Address to:

Assistant Commissioner for Patents
Box CPA
Washington, DC 20231Attorney Docket No.
of Prior Application

97-ST37

First Named Inventor

Meyers et al.

Examiner Name

Dang, H.

Group Art Unit

3672

Express Mail Label No.

ET437112880US

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AUG 16 2001

03600 MAIL ROOM

This is a request for a ☒ continuation or ☐ divisional application under 37 CFR 1.53(d),(continued prosecution application (CPA)) of prior application number 09/ / 104,788,filed on 6/25/98, entitled DRILL BIT WITH LARGE INSERTS**NOTES**

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

1. ☐ Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior nonprovisional application.
2. ☒ A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).
 - a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:
.....
 - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed: 08/15/2001 GTEFFERA 00000114 192745 09104766
 - a. ☐ PTO-1449 01 FC:131 710.00 CH
 - b. ☐ Copies of IDS Citations 02 FC:103 954.00 CH

(Page 1 of 2)

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c) or (j))		73 -20* =	53	x \$ 18 =	\$ 954
INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))		3 -3** =	0	x \$ 0 =	0
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+ \$ 0 =	0
				BASIC FEE (37 CFR 1.16)	710
				Total of above Calculations =	1664
Reduction by 50% for filing by small entity (Note 37 CFR 1.27).					
* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent.					TOTAL = 1664

6. ☐ Small entity status: Applicant claims small entity status. See 37 CFR 1.27.7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to
Deposit Account No. _____ - 192745 :a. ☒ Fees required under 37 CFR 1.16.b. ☒ Fees required under 37 CFR 1.17.c. ☒ Fees required under 37 CFR 1.18.8. ☐ A check in the amount of \$ _____ is enclosed.9. ☐ Payment by credit card. Form PTO-2038 is attached.10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) for a period of _____ months
(not to exceed 3 months) and the fee under 37 CFR 1.17(i) is enclosed.11. ☐ New Attorney Docket Number, if desired _____*[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]*12. a. ☐ Receipt For Facsimile Transmitted CPA (PTO/SB/29A)b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)13. ☐ Other: _____**NOTE:***The prior application's correspondence address will carry over to this CPA
UNLESS a new correspondence address is provided below.***14. NEW CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☐ New correspondence address below*(Insert Customer No. or Attach bar code label here)*

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15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print / Type)	Sean C. Henkel
Signature	<i>Sean Henkel</i>
Registration No. (Attorney/Agent)	44,760
Date	08/13/01



THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Meyers, *et al.*

SERIAL NO.: 09/104,788

FILED: June 25, 1998

FOR: Drill Bit with Large
Inserts

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GROUP ART UNIT: 3672

EXAMINER:
Dang, H.

A9B
8/21/01

RESPONSE TO OFFICE ACTION DATED MARCH 13, 2001

Atty. Dkt. No.: 97-ST37

Date: August 13, 2001

Commissioner for Patents
Washington, D. C. 20231

Sirs:

Applicants respond to the March 13, 2001 Office Action as follows:

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AMENDMENTS

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In the Claims:

Please amend claims 1, 2, 26 and 50 as follows:

- SubD17
- BT
1. (twice amended) A percussion drill bit for percussive drilling in a formation, comprising:
- (a) a bit head for percussive impact against the formation;
 - (b) at least a first plurality of first inserts and a second plurality of second inserts extending from the bit head;
 - (c) each of the first inserts having a first base portion mounted to the bit head and a first exposed portion [that is not superhard] extending from the bit head, the first exposed portion having a first profile and a first contact area;
 - (d) each of the second inserts having a second base portion mounted to the bit head and a second exposed portion extending from the bit head, each of the second